

Table 4B
2009 Pediatric Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Racial and Ethnic Distribution by County
Children Aged < 5 Years ⁽²⁾

Page: 1
Run Date: 6 / 1 / 10

| Comparison of Racial and Ethnic Distribution | | | | | | | | |
|---|--|--------------------------------------|--------------------------------------|-----------------------|--|---|-----------------------------|--------------------------------------|
| County | Number Included in Analysis (3) | White, Not Hispanic % | Black, Not Hispanic % | Hispanic % | American Indian/Alaska Native % | Asian/Pacific Islander % | Multiple Races % | All Other / Unknown % |
| Adams | 65 | * | * | * | * | * | * | * |
| Barnes | 177 | 83.6 | 0.6 | 3.4 | 4.5 | 0.6 | 7.3 | 0.0 |
| Benson | 637 | 4.1 | 0.0 | 1.7 | 92.9 | 0.3 | 0.9 | 0.0 |
| Bottineau | 79 | * | * | * | * | * | * | * |
| Bowman | 50 | * | * | * | * | * | * | * |
| Burke | 16 | * | * | * | * | * | * | * |
| Burleigh | 1,646 | 56.2 | 1.2 | 5.7 | 24.2 | 0.5 | 12.1 | 0.0 |
| Cass | 2,948 | 61.5 | 14.8 | 8.8 | 4.1 | 1.9 | 8.9 | 0.2 |
| Cavalier | 58 | * | * | * | * | * | * | * |
| Dickey | 124 | 68.5 | 0.8 | 23.4 | 0.8 | 0.0 | 6.5 | 0.0 |
| Divide | 39 | * | * | * | * | * | * | * |
| Dunn | 21 | * | * | * | * | * | * | * |
| Eddy | 28 | * | * | * | * | * | * | * |
| Emmons | 136 | 94.9 | 0.0 | 0.7 | 0.7 | 0.0 | 3.7 | 0.0 |
| Foster | 74 | * | * | * | * | * | * | * |
| Golden Val | 24 | * | * | * | * | * | * | * |
| Grand Fork | 1,770 | 57.9 | 6.9 | 14.7 | 8.0 | 1.3 | 11.1 | 0.0 |
| Grant | 23 | * | * | * | * | * | * | * |
| Griggs | 71 | * | * | * | * | * | * | * |

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with errors.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.



Table 4B
2009 Pediatric Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Racial and Ethnic Distribution by County
Children Aged < 5 Years ⁽²⁾

Page: 2
Run Date: 6 / 1 / 10

| Comparison of Racial and Ethnic Distribution | | | | | | | | |
|---|--|--------------------------------------|--------------------------------------|-----------------------|--|---|-----------------------------|--------------------------------------|
| County | Number Included in Analysis (3) | White, Not Hispanic % | Black, Not Hispanic % | Hispanic % | American Indian/Alaska Native % | Asian/Pacific Islander % | Multiple Races % | All Other / Unknown % |
| Hettinger | 24 | * | * | * | * | * | * | * |
| Kidder | 47 | * | * | * | * | * | * | * |
| LaMoure | 27 | * | * | * | * | * | * | * |
| Logan | 25 | * | * | * | * | * | * | * |
| McHenry | 79 | * | * | * | * | * | * | * |
| McIntosh | 70 | * | * | * | * | * | * | * |
| McKenzie | 24 | * | * | * | * | * | * | * |
| McLean | 123 | 84.6 | 0.0 | 7.3 | 3.3 | 1.6 | 3.3 | 0.0 |
| Mercer | 89 | * | * | * | * | * | * | * |
| Morton | 478 | 62.3 | 1.9 | 8.8 | 18.2 | 0.6 | 8.2 | 0.0 |
| Mountrail | 22 | * | * | * | * | * | * | * |
| Nelson | 56 | * | * | * | * | * | * | * |
| Pembina | 157 | 79.0 | 0.6 | 15.9 | 3.2 | 0.0 | 1.3 | 0.0 |
| Pierce | 68 | * | * | * | * | * | * | * |
| Ramsey | 431 | 55.7 | 0.0 | 6.5 | 26.9 | 0.2 | 10.7 | 0.0 |
| Ransom | 150 | 87.3 | 0.0 | 8.7 | 2.7 | 0.0 | 1.3 | 0.0 |
| Renville | 23 | * | * | * | * | * | * | * |
| Richland | 406 | 71.9 | 1.0 | 14.3 | 10.1 | 1.5 | 1.0 | 0.2 |
| Rolette | 1,438 | 2.0 | 0.1 | 2.8 | 93.0 | 0.3 | 1.6 | 0.1 |

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Table 4B
2009 Pediatric Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Racial and Ethnic Distribution by County
Children Aged < 5 Years ⁽²⁾

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Run Date: 6 / 1 / 10

| Comparison of Racial and Ethnic Distribution | | | | | | | | |
|---|--|--------------------------------------|--------------------------------------|-----------------------|--|---|-----------------------------|--------------------------------------|
| County | Number Included in Analysis (3) | White, Not Hispanic % | Black, Not Hispanic % | Hispanic % | American Indian/Alaska Native % | Asian/Pacific Islander % | Multiple Races % | All Other / Unknown % |
| Sargent | 66 | * | * | * | * | * | * | * |
| Sheridan | 36 | * | * | * | * | * | * | * |
| Stark | 477 | 82.0 | 3.1 | 5.9 | 3.8 | 0.4 | 4.8 | 0.0 |
| Steele | 16 | * | * | * | * | * | * | * |
| Stutsman | 381 | 89.2 | 1.8 | 6.6 | 1.3 | 0.0 | 1.0 | 0.0 |
| Towner | 24 | * | * | * | * | * | * | * |
| Traill | 156 | 85.3 | 0.6 | 10.9 | 2.6 | 0.0 | 0.6 | 0.0 |
| Walsh | 471 | 46.7 | 0.4 | 48.0 | 2.1 | 0.2 | 2.5 | 0.0 |
| Ward | 1,910 | 66.6 | 3.2 | 10.4 | 8.1 | 0.8 | 10.8 | 0.1 |
| Wells | 58 | * | * | * | * | * | * | * |
| Williams | 490 | 66.5 | 1.0 | 9.2 | 8.6 | 0.8 | 12.4 | 1.4 |
| North Dakota | 15,808 | 58.0 | 4.4 | 9.6 | 19.8 | 0.8 | 7.3 | 0.1 |
| Nation (Prior Year) | 8,164,612 | 31.7 | 18.8 | 41.0 | 1.0 | 2.6 | 2.1 | 2.7 |

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Table 5B
2009 Pediatric Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Age Distribution by County
Children Aged < 5 Years ⁽²⁾

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| Comparison of Age Distribution | | | | |
|---------------------------------------|--|---------------------------------|----------------------------------|----------------------------------|
| County | Number Included in Analysis (3,4) | 0 - 11 Months % | 12 - 23 Months % | 24 - 59 Months % |
| Adams | 65 | * | * | * |
| Barnes | 177 | 37.9 | 17.5 | 44.6 |
| Benson | 637 | 28.4 | 15.7 | 55.9 |
| Bottineau | 79 | * | * | * |
| Bowman | 50 | * | * | * |
| Burke | 16 | * | * | * |
| Burleigh | 1,646 | 39.1 | 18.0 | 42.8 |
| Cass | 2,948 | 38.1 | 18.8 | 43.0 |
| Cavalier | 58 | * | * | * |
| Dickey | 124 | 30.6 | 20.2 | 49.2 |
| Divide | 39 | * | * | * |
| Dunn | 21 | * | * | * |
| Eddy | 28 | * | * | * |
| Emmons | 136 | 24.3 | 10.3 | 65.4 |
| Foster | 74 | * | * | * |
| Golden Val | 24 | * | * | * |
| Grand Fork | 1,770 | 40.1 | 18.2 | 41.8 |
| Grant | 23 | * | * | * |

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Records rejected if date of birth and date of visit unknown.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.



Table 5B
2009 Pediatric Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Age Distribution by County
Children Aged < 5 Years ⁽²⁾

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Run Date: 6 / 1 / 10

| Comparison of Age Distribution | | | | |
|---------------------------------------|--|---------------------------------|----------------------------------|----------------------------------|
| County | Number Included in Analysis (3,4) | 0 - 11 Months % | 12 - 23 Months % | 24 - 59 Months % |
| Griggs | 71 | * | * | * |
| Hettinger | 24 | * | * | * |
| Kidder | 47 | * | * | * |
| LaMoure | 27 | * | * | * |
| Logan | 25 | * | * | * |
| McHenry | 79 | * | * | * |
| McIntosh | 70 | * | * | * |
| McKenzie | 24 | * | * | * |
| McLean | 123 | 30.9 | 23.6 | 45.5 |
| Mercer | 89 | * | * | * |
| Morton | 478 | 40.6 | 18.2 | 41.2 |
| Mountrail | 22 | * | * | * |
| Nelson | 56 | * | * | * |
| Pembina | 157 | 28.7 | 19.7 | 51.6 |
| Pierce | 68 | * | * | * |
| Ramsey | 431 | 39.0 | 16.9 | 44.1 |
| Ransom | 150 | 29.3 | 22.0 | 48.7 |
| Renville | 23 | * | * | * |

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Records rejected if date of birth and date of visit unknown.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.



Table 5B
2009 Pediatric Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Age Distribution by County
Children Aged < 5 Years ⁽²⁾

Page: 6
Run Date: 6 / 1 / 10

| Comparison of Age Distribution | | | | |
|---------------------------------------|--|---------------------------------|----------------------------------|----------------------------------|
| County | Number Included in Analysis (3,4) | 0 - 11 Months % | 12 - 23 Months % | 24 - 59 Months % |
| Richland | 406 | 34.0 | 19.0 | 47.0 |
| Rolette | 1,438 | 30.7 | 17.9 | 51.4 |
| Sargent | 66 | * | * | * |
| Sheridan | 36 | * | * | * |
| Stark | 477 | 39.6 | 18.7 | 41.7 |
| Steele | 16 | * | * | * |
| Stutsman | 381 | 43.8 | 16.5 | 39.6 |
| Towner | 24 | * | * | * |
| Traill | 156 | 39.1 | 13.5 | 47.4 |
| Walsh | 471 | 34.4 | 17.6 | 48.0 |
| Ward | 1,910 | 43.2 | 16.4 | 40.3 |
| Wells | 58 | * | * | * |
| Williams | 490 | 44.1 | 13.9 | 42.0 |
| North Dakota | 15,808 | 37.5 | 17.7 | 44.9 |
| Nation (Prior Year) | 8,164,612 | 35.8 | 23.0 | 41.3 |

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Records rejected if date of birth and date of visit unknown.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.



Table 6B
2009 Pediatric Nutrition Surveillance (1)
North Dakota
Comparison of Growth and Anemia Indicators by County
Children Aged < 5 Years (2)

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| Comparison of Growth and Anemia Indicators (3,4) | | | | | | | | | | | |
|--|-----------------|------------------------|------------------------|-------------------------|-------------------------|---------------------|----------------------|--------------------------------|----------------------------|-----------------------------|--------------------|
| County | Birthweight (5) | | | Height and Weight | | | | | | Anemia Low Hb/Hct (8) | |
| | Low | High | | Short Stature (6) | Under- weight (7) | Obese (7) | | ≥ 2 Yrs Over- weight (7) | | | |
| | Number | % <2500 g (Rank) | % >4000 g (Rank) | Number | % <5th (Rank) | % <5th (Rank) | % ≥95th (Rank) | Number | % 85th- <95th (Rank) | % ≥95th (Rank) | Number % (Rank) |
| Adams | 14 | * * | * * | 65 | * * | * * | * * | 35 | * * | * * | 48 * * |
| Barnes | 37 | * * | * * | 173 | 4.0 (8) | 1.2 (2) | 16.2 (17) | 77 | * * | * * | 133 15.0 (17) |
| Benson | 112 | 8.9 (7) | 16.1 (9) | 623 | 1.8 (3) | 3.4 (16) | 17.3 (19) | 346 | 17.1 (7) | 11.3 (3) | 501 34.5 (19) |
| Bottineau | 22 | * * | * * | 79 | * * | * * | * * | 35 | * * | * * | 60 * * |
| Bowman | 14 | * * | * * | 48 | * * | * * | * * | 19 | * * | * * | 33 * * |
| Burke | 4 | * * | * * | 16 | * * | * * | * * | 8 | * * | * * | 10 * * |
| Burleigh | 356 | 9.0 (8) | 5.6 (1) | 1,623 | 5.6 (15) | 2.2 (8) | 15.5 (16) | 693 | 18.3 (10) | 15.9 (11) | 1,274 9.6 (12) |
| Cass | 711 | 7.7 (5) | 7.7 (4) | 2,899 | 4.1 (9) | 2.9 (11) | 11.3 (7) | 1,251 | 14.5 (2) | 11.4 (4) | 2,105 9.1 (11) |
| Cavalier | 11 | * * | * * | 57 | * * | * * | * * | 33 | * * | * * | 39 * * |
| Dickey | 24 | * * | * * | 124 | 4.8 (11) | 0.0 (1) | 11.3 (7) | 61 | * * | * * | 97 * * |
| Divide | 7 | * * | * * | 39 | * * | * * | * * | 19 | * * | * * | 31 * * |

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Rank compares this county's rate to other counties. Rank 1 = best rate.

(5) Infants born during the reporting period included in the analysis.

(6) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(7) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies overweight children and ≥ 95th percentile category identifies obese children.

(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

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Table 6B
2009 Pediatric Nutrition Surveillance (1)
North Dakota
Comparison of Growth and Anemia Indicators by County
Children Aged < 5 Years (2)

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Run Date: 6 / 1 / 10

| Comparison of Growth and Anemia Indicators (3,4) | | | | | | | | | | | |
|---|-----------------|------------------------|------------------------|-------------------------|-------------------------|---------------------|----------------------|--------------------------------|----------------------------|-----------------------------|--------------------|
| County | Birthweight (5) | | | Height and Weight | | | | | | Anemia Low Hb/Hct (8) | |
| | Low | High | | Short Stature (6) | Under- weight (7) | Obese (7) | | ≥ 2 Yrs Over- weight (7) | | | |
| | Number | % <2500 g (Rank) | % >4000 g (Rank) | Number | % <5th (Rank) | % <5th (Rank) | % ≥95th (Rank) | Number | % 85th- <95th (Rank) | % ≥95th (Rank) | Number % (Rank) |
| Dunn | 3 | * * | * * | 20 | * * | * * | * * | 12 | * * | * * | 17 * * |
| Eddy | 3 | * * | * * | 28 | * * | * * | * * | 16 | * * | * * | 26 * * |
| Emmons | 21 | * * | * * | 137 | 1.5 (2) | 3.6 (17) | 10.9 (6) | 89 | * * | * * | 102 2.0 (2) |
| Foster | 16 | * * | * * | 74 | * * | * * | * * | 35 | * * | * * | 55 * * |
| Golden Val | 5 | * * | * * | 23 | * * | * * | * * | 13 | * * | * * | 18 * * |
| Grand Fork | 420 | 7.1 (3) | 9.0 (5) | 1,727 | 5.0 (13) | 2.4 (9) | 13.1 (11) | 720 | 16.8 (5) | 13.6 (9) | 1,096 11.8 (14) |
| Grant | 2 | * * | * * | 22 | * * | * * | * * | 13 | * * | * * | 21 * * |
| Griggs | 16 | * * | * * | 70 | * * | * * | * * | 36 | * * | * * | 50 * * |
| Hettinger | 2 | * * | * * | 23 | * * | * * | * * | 14 | * * | * * | 17 * * |
| Kidder | 11 | * * | * * | 47 | * * | * * | * * | 21 | * * | * * | 35 * * |
| LaMoure | 2 | * * | * * | 27 | * * | * * | * * | 14 | * * | * * | 24 * * |

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(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Rank compares this county's rate to other counties. Rank 1 = best rate.

(5) Infants born during the reporting period included in the analysis.

(6) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(7) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies overweight children and ≥ 95th percentile category identifies obese children.

(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

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Table 6B
2009 Pediatric Nutrition Surveillance (1)
North Dakota
Comparison of Growth and Anemia Indicators by County
Children Aged < 5 Years (2)

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| Comparison of Growth and Anemia Indicators (3,4) | | | | | | | | | | | |
|--|-----------------|------------------------|------------------------|-------------------------|-------------------------|---------------------|----------------------|--------------------------------|----------------------------|-----------------------------|--------------------|
| County | Birthweight (5) | | | Height and Weight | | | | | | Anemia Low Hb/Hct (8) | |
| | Low | High | | Short Stature (6) | Under- weight (7) | Obese (7) | | ≥ 2 Yrs Over- weight (7) | | | |
| | Number | % <2500 g (Rank) | % >4000 g (Rank) | Number | % <5th (Rank) | % <5th (Rank) | % ≥95th (Rank) | Number | % 85th- <95th (Rank) | % ≥95th (Rank) | Number % (Rank) |
| Logan | 4 | * * | * * | 24 | * * | * * | * * | 13 | * * | * * | 21 * * |
| McHenry | 15 | * * | * * | 79 | * * | * * | * * | 37 | * * | * * | 67 * * |
| McIntosh | 11 | * * | * * | 69 | * * | * * | * * | 38 | * * | * * | 54 * * |
| McKenzie | 4 | * * | * * | 22 | * * | * * | * * | 11 | * * | * * | 20 * * |
| McLean | 21 | * * | * * | 121 | 7.4 (20) | 3.3 (13) | 10.7 (5) | 54 | * * | * * | 102 5.9 (9) |
| Mercer | 23 | * * | * * | 88 | * * | * * | * * | 35 | * * | * * | 66 * * |
| Morton | 130 | 7.7 (5) | 6.9 (3) | 476 | 4.6 (10) | 2.1 (7) | 12.2 (10) | 197 | 16.8 (5) | 9.1 (1) | 353 11.9 (15) |
| Mountrail | 4 | * * | * * | 22 | * * | * * | * * | 11 | * * | * * | 16 * * |
| Nelson | 8 | * * | * * | 56 | * * | * * | * * | 34 | * * | * * | 48 * * |
| Pembina | 29 | * * | * * | 153 | 7.2 (19) | 2.0 (6) | 15.0 (13) | 77 | * * | * * | 109 4.6 (5) |
| Pierce | 10 | * * | * * | 68 | * * | * * | * * | 39 | * * | * * | 57 * * |

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(2) Analyses based on one record per child.

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(4) Rank compares this county's rate to other counties. Rank 1 = best rate.

(5) Infants born during the reporting period included in the analysis.

(6) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(7) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies overweight children and ≥ 95th percentile category identifies obese children.

(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

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Children Aged < 5 Years (2)

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| Comparison of Growth and Anemia Indicators (3,4) | | | | | | | | | | | | | |
|--|-----------------|------------------------|------------------------|-------------------------|---------------------|-------------------------|----------------------|--------------------------------|----------------------|----------------------|-----------------------------|--------|-------------|
| County | Birthweight (5) | | | Height and Weight | | | | | | | Anemia Low Hb/Hct (8) | | |
| | Low | | High | Short Stature (6) | | Under- weight (7) | Obese (7) | ≥ 2 Yrs Over- weight (7) | | | | | |
| | Number | % <2500 g (Rank) | % >4000 g (Rank) | Number | % <5th (Rank) | % <5th (Rank) | % ≥95th (Rank) | Number | % 85th- (Rank) | % <95th (Rank) | % ≥95th (Rank) | Number | % (Rank) |
| Ramsey | 96 | * * | * * | 428 | 3.3 (6) | 1.9 (5) | 12.1 (9) | 188 | 20.2 (11) | 12.2 (6) | | 334 | 5.7 (7) |
| Ransom | 25 | * * | * * | 150 | 2.0 (4) | 4.7 (20) | 8.0 (2) | 76 | * * | * * | | 119 | 20.2 (18) |
| Renville | 8 | * * | * * | 23 | * * | * * | * * | 9 | * * | * * | | 16 | * * |
| Richland | 95 | * * | * * | 397 | 5.5 (14) | 2.5 (10) | 16.4 (18) | 187 | 20.9 (12) | 12.8 (7) | | 302 | 12.3 (16) |
| Rolette | 274 | 10.2 (9) | 9.5 (8) | 1,423 | 3.3 (6) | 1.3 (3) | 22.9 (20) | 738 | 23.7 (13) | 26.6 (13) | | 1,182 | 3.8 (3) |
| Sargent | 13 | * * | * * | 66 | * * | * * | * * | 24 | * * | * * | | 44 | * * |
| Sheridan | 8 | * * | * * | 36 | * * | * * | * * | 19 | * * | * * | | 28 | * * |
| Stark | 120 | 5.8 (2) | 6.7 (2) | 465 | 6.0 (16) | 4.5 (19) | 9.2 (3) | 193 | 14.5 (2) | 9.3 (2) | | 308 | 6.2 (10) |
| Steele | 5 | * * | * * | 16 | * * | * * | * * | 6 | * * | * * | | 11 | * * |
| Stutsman | 95 | * * | * * | 373 | 6.2 (17) | 3.8 (18) | 15.0 (13) | 149 | 15.4 (4) | 11.4 (4) | | 280 | 5.7 (7) |
| Towner | 7 | * * | * * | 24 | * * | * * | * * | 11 | * * | * * | | 17 | * * |

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Rank compares this county's rate to other counties. Rank 1 = best rate.

(5) Infants born during the reporting period included in the analysis.

(6) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(7) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies overweight children and ≥ 95th percentile category identifies obese children.

(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

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Table 6B
2009 Pediatric Nutrition Surveillance (1)
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Comparison of Growth and Anemia Indicators by County
Children Aged < 5 Years (2)

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| Comparison of Growth and Anemia Indicators (3,4) | | | | | | | | | | | | | |
|--|-----------------|------------------------|------------------------|-------------------------|---------------------|-------------------------|----------------------|--------------------------------|----------------------|----------------------|-----------------------------|-----------|-------------|
| County | Birthweight (5) | | | Height and Weight | | | | | | | Anemia Low Hb/Hct (8) | | |
| | Low | | High | Short Stature (6) | | Under- weight (7) | Obese (7) | ≥ 2 Yrs Over- weight (7) | | | | | |
| | Number | % <2500 g (Rank) | % >4000 g (Rank) | Number | % <5th (Rank) | % <5th (Rank) | % >95th (Rank) | Number | % 85th- (Rank) | % <95th (Rank) | % >95th (Rank) | Number | % (Rank) |
| Traill | 38 | * * | * * | 153 | 0.7 (1) | 3.3 (13) | 7.8 (1) | 74 | * * | * * | | 120 | 0.8 (1) |
| Walsh | 86 | * * | * * | 459 | 2.8 (5) | 3.1 (12) | 15.3 (15) | 215 | 14.4 (1) | 18.6 (12) | | 363 | 11.6 (13) |
| Ward | 484 | 7.4 (4) | 9.3 (6) | 1,876 | 4.9 (12) | 3.3 (13) | 10.4 (4) | 744 | 17.1 (7) | 13.4 (8) | | 1,213 | 4.3 (4) |
| Wells | 10 | * * | * * | 57 | * * | * * | * * | 26 | * * | * * | | 45 | * * |
| Williams | 138 | 5.1 (1) | 9.4 (7) | 483 | 6.2 (17) | 1.7 (4) | 14.1 (12) | 203 | 18.2 (9) | 14.3 (10) | | 345 | 4.9 (6) |
| North Dakota | 3,574 | 8.0 | 8.4 | 15,551 | 4.5 | 2.6 | 13.6 | 6,968 | 17.5 | 14.1 | | 11,432 | 9.3 |
| Nation (Prior Year) | 1,909,620 | 9.0 | 6.4 | 7,107,000 | 6.0 | 4.5 | 14.1 | 2,943,996 | 16.5 | 14.8 | | 4,916,523 | 14.9 |

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Rank compares this county's rate to other counties. Rank 1 = best rate.

(5) Infants born during the reporting period included in the analysis.

(6) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(7) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies overweight children and ≥ 95th percentile category identifies obese children.

(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



Table 7B
2009 Pediatric Nutrition Surveillance (1)
North Dakota

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Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County (2)
Children Aged < 5 Years (3)

| Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4,5) | | | | | | | | |
|--|-----------------------------|--------------------------------------|---|--|---|---|---|---------------------------------|
| | Breastfeeding (6) | | | Exclusive Breastfeeding (7) | | | ≤2 Hours TV Viewing/Day (8) | Smoking in Household |
| County | Number | % Ever Breastfed (Rank) | Number % Breastfed At Least 6 Months (Rank) | Number % Breastfed At Least 12 Months (Rank) | Number % Breastfed At Least 3 Months (Rank) | Number % Breastfed At Least 6 Months (Rank) | Number % (Rank) | Number % (Rank) |
| Adams | 14 | * * | 9 * * | 4 * * | 10 * * | 9 * * | 10 * * | 59 * * |
| Barnes | 37 | * * | 37 * * | 34 * * | 33 * * | 37 * * | 83 * * | 171 14.6 (12) |
| Benson | 112 | 23.2 (9) | 110 5.5 (9) | 82 * * | 114 1.8 (9) | 110 0.9 (8) | 364 72.3 (11) | 633 11.4 (9) |
| Bottineau | 22 | * * | 20 * * | 9 * * | 19 * * | 19 * * | 38 * * | 78 * * |
| Bowman | 14 | * * | 11 * * | 10 * * | 12 * * | 10 * * | 20 * * | 50 * * |
| Burke | 4 | * * | 4 * * | 1 * * | 3 * * | 3 * * | 8 * * | 15 * * |
| Burleigh | 357 | 65.3 (2) | 337 20.8 (3) | 284 11.6 (3) | 340 13.2 (4) | 321 5.9 (4) | 721 67.8 (13) | 1,581 14.6 (12) |
| Cass | 721 | 63.9 (3) | 618 23.5 (2) | 504 12.9 (2) | 536 14.2 (3) | 606 7.3 (3) | 1,261 83.8 (4) | 2,859 7.3 (4) |
| Cavalier | 11 | * * | 11 * * | 8 * * | 10 * * | 11 * * | 26 * * | 51 * * |
| Dickey | 24 | * * | 22 * * | 21 * * | 27 * * | 22 * * | 60 * * | 117 4.3 (1) |
| Divide | 7 | * * | 9 * * | 6 * * | 9 * * | 9 * * | 16 * * | 38 * * |
| Dunn | 3 | * * | 3 * * | 3 * * | 3 * * | 3 * * | 12 * * | 21 * * |
| Eddy | 3 | * * | 5 * * | 5 * * | 5 * * | 5 * * | 19 * * | 28 * * |

(1) Reporting period is January 1 through December 31.

(2) TV Viewing and Smoking in Household data are not reported by all contributors.

(3) Analyses based on one record per child.

(4) Excludes records with unknown data or errors.

(5) Rank compares this county's rate to other counties. Rank 1 = best rate.

(6) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

(7) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.

(8) Children aged 2 years and older included in the analyses.

* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County Children Aged < 5 Years ⁽³⁾

(2)

- (1) Reporting period is January 1 through December 31.
- (2) TV Viewing and Smoking in Household data are not reported by all contributors.
- (3) Analyses based on one record per child.
- (4) Excludes records with unknown data or errors.
- (5) Rank compares this county's rate to other counties. Rank 1 = best rate.
- (6) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.
- (7) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.
- (8) Children aged 2 years and older included in the analyses.

* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



Table 7B
2009 Pediatric Nutrition Surveillance (1)
North Dakota

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Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County (2)
Children Aged < 5 Years (3)

| Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4,5) | | | | | | | | |
|--|-----------------------------|--------------------------------------|---|--|---|---|---|---------------------------------|
| | Breastfeeding (6) | | | Exclusive Breastfeeding (7) | | | ≤2 Hours TV Viewing/Day (8) | Smoking in Household |
| County | Number | % Ever Breastfed (Rank) | Number % Breastfed At Least 6 Months (Rank) | Number % Breastfed At Least 12 Months (Rank) | Number % Breastfed At Least 3 Months (Rank) | Number % Breastfed At Least 6 Months (Rank) | Number % (Rank) | Number % (Rank) |
| McLean | 21 | * * | 23 * * | 22 * * | 24 * * | 22 * * | 54 * * | 118 8.5 (5) |
| Mercer | 23 | * * | 13 * * | 14 * * | 19 * * | 13 * * | 39 * * | 84 * * |
| Morton | 130 | 60.0 (5) | 111 15.3 (6) | 73 * * | 126 8.7 (6) | 107 4.7 (5) | 205 77.6 (9) | 461 11.3 (8) |
| Mountrail | 4 | * * | 4 * * | 3 * * | 5 * * | 4 * * | 9 * * | 17 * * |
| Nelson | 8 | * * | 10 * * | 11 * * | 10 * * | 10 * * | 34 * * | 52 * * |
| Pembina | 29 | * * | 20 * * | 20 * * | 24 * * | 20 * * | 85 * * | 152 30.3 (18) |
| Pierce | 10 | * * | 11 * * | 10 * * | 11 * * | 11 * * | 41 * * | 68 * * |
| Ramsey | 96 | * * | 100 13.0 (7) | 82 * * | 102 6.9 (7) | 100 1.0 (7) | 198 85.4 (3) | 421 5.2 (3) |
| Ransom | 25 | * * | 26 * * | 20 * * | 22 * * | 23 * * | 77 * * | 149 12.1 (10) |
| Renville | 8 | * * | 3 * * | 4 * * | 7 * * | 3 * * | 1 * * | 23 * * |
| Richland | 95 | * * | 66 * * | 66 * * | 63 * * | 63 * * | 202 79.7 (8) | 380 21.3 (16) |
| Rolette | 274 | 45.6 (8) | 242 12.4 (8) | 258 10.1 (4) | 261 3.1 (8) | 239 1.7 (6) | 765 70.6 (12) | 1,399 16.2 (14) |
| Sargent | 14 | * * | 18 * * | 11 * * | 13 * * | 18 * * | 28 * * | 65 * * |

(1) Reporting period is January 1 through December 31.

(2) TV Viewing and Smoking in Household data are not reported by all contributors.

(3) Analyses based on one record per child.

(4) Excludes records with unknown data or errors.

(5) Rank compares this county's rate to other counties. Rank 1 = best rate.

(6) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

(7) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.

(8) Children aged 2 years and older included in the analyses.

* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County Children Aged < 5 Years ⁽³⁾

(2)

- (1) Reporting period is January 1 through December 31.
- (2) TV Viewing and Smoking in Household data are not reported by all contributors.
- (3) Analyses based on one record per child.
- (4) Excludes records with unknown data or errors.
- (5) Rank compares this county's rate to other counties. Rank 1 = best rate.
- (6) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.
- (7) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.
- (8) Children aged 2 years and older included in the analyses.

* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



Table 6B
2007 - 2009 Pediatric Nutrition Surveillance (1)
North Dakota
Comparison of Growth and Anemia Indicators by County
Children Aged < 5 Years (2)

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| Comparison of Growth and Anemia Indicators (3,4) | | | | | | | | | | | | | |
|--|-----------------|------------------------|------------------------|-------------------------|---------------------|---------------------|-------------------------|--------------|--------------------------------|----------------------|-----------------------------|--------|-------------|
| County | Birthweight (5) | | | Height and Weight | | | | | | | Anemia Low Hb/Hct (8) | | |
| | Low | | High | Short Stature (6) | | | Under- weight (7) | Obese (7) | ≥ 2 Yrs Over- weight (7) | | | | |
| | Number | % <2500 g (Rank) | % >4000 g (Rank) | Number | % <5th (Rank) | % <5th (Rank) | % >95th (Rank) | Number | % 85th- (Rank) | % <95th (Rank) | % >95th (Rank) | Number | % (Rank) |
| Adams | 31 | * * | * * | 155 | 7.1 (35) | 5.8 (37) | 13.5 (21) | 82 | * * | * * | | 120 | 4.2 (7) |
| Barnes | 117 | 6.8 (3) | 15.4 (13) | 548 | 2.7 (6) | 1.6 (5) | 13.7 (22) | 255 | 16.5 (10) | 14.1 (19) | | 415 | 9.9 (24) |
| Benson | 369 | 6.8 (3) | 17.3 (14) | 1,883 | 3.3 (12) | 5.0 (36) | 18.7 (34) | 962 | 13.1 (2) | 11.9 (11) | | 1,555 | 24.1 (35) |
| Bottineau | 50 | * * | * * | 246 | 4.1 (16) | 3.7 (31) | 19.1 (35) | 118 | 23.7 (22) | 21.2 (25) | | 200 | 12.5 (29) |
| Bowman | 40 | * * | * * | 146 | 2.7 (6) | 1.4 (2) | 11.0 (9) | 49 | * * | * * | | 105 | 2.9 (2) |
| Burke | 10 | * * | * * | 63 | * * | * * | * * | 33 | * * | * * | | 49 | * * |
| Burleigh | 1,206 | 10.5 (13) | 6.6 (2) | 4,973 | 5.9 (28) | 2.1 (11) | 14.8 (26) | 2,017 | 18.9 (16) | 15.8 (22) | | 3,802 | 7.8 (17) |
| Cass | 2,076 | 7.8 (5) | 8.8 (7) | 8,039 | 4.2 (18) | 2.9 (23) | 11.7 (13) | 3,287 | 15.2 (5) | 11.2 (7) | | 5,696 | 10.2 (25) |
| Cavalier | 30 | * * | * * | 195 | 7.7 (36) | 1.5 (3) | 14.4 (24) | 115 | 27.8 (26) | 13.0 (15) | | 154 | 8.4 (19) |
| Dickey | 82 | * * | * * | 374 | 2.9 (8) | 2.7 (18) | 12.8 (17) | 170 | 14.1 (3) | 12.4 (13) | | 276 | 17.8 (33) |
| Divide | 19 | * * | * * | 100 | 3.0 (9) | 3.0 (24) | 7.0 (3) | 48 | * * | * * | | 79 | * * |

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Rank compares this county's rate to other counties. Rank 1 = best rate.

(5) Infants born during the reporting period included in the analysis.

(6) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(7) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies overweight children and ≥ 95th percentile category identifies obese children.

(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



Table 6B
2007 - 2009 Pediatric Nutrition Surveillance (1)
North Dakota
Comparison of Growth and Anemia Indicators by County
Children Aged < 5 Years (2)

Page: 17
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| Comparison of Growth and Anemia Indicators (3,4) | | | | | | | | | | | | | |
|--|-----------------|------------------------|------------------------|-------------------------|---------------------|-------------------------|----------------------|--------------------------------|----------------------|----------------------|-----------------------------|--------|-------------|
| County | Birthweight (5) | | | Height and Weight | | | | | | | Anemia Low Hb/Hct (8) | | |
| | Low | | High | Short Stature (6) | | Under- weight (7) | Obese (7) | ≥ 2 Yrs Over- weight (7) | | | | | |
| | Number | % <2500 g (Rank) | % >4000 g (Rank) | Number | % <5th (Rank) | % <5th (Rank) | % >95th (Rank) | Number | % 85th- (Rank) | % <95th (Rank) | % >95th (Rank) | Number | % (Rank) |
| Dunn | 8 | * * | * * | 57 | * * | * * | * * | 32 | * * | * * | | 44 | * * |
| Eddy | 16 | * * | * * | 113 | 4.4 (19) | 2.7 (18) | 9.7 (6) | 71 | * * | * * | | 100 | 3.0 (3) |
| Emmons | 60 | * * | * * | 395 | 1.5 (1) | 3.8 (32) | 10.4 (8) | 235 | 11.5 (1) | 14.0 (18) | | 288 | 3.1 (4) |
| Foster | 53 | * * | * * | 222 | 2.3 (5) | 3.2 (28) | 8.6 (4) | 93 | * * | * * | | 166 | 22.9 (34) |
| Golden Val | 12 | * * | * * | 74 | * * | * * | * * | 36 | * * | * * | | 59 | * * |
| Grand Fork | 1,371 | 8.2 (6) | 9.6 (9) | 5,220 | 5.5 (27) | 3.1 (26) | 12.4 (16) | 2,034 | 16.4 (9) | 12.3 (12) | | 3,242 | 12.4 (28) |
| Grant | 7 | * * | * * | 62 | * * | * * | * * | 31 | * * | * * | | 58 | * * |
| Griggs | 34 | * * | * * | 180 | 5.0 (24) | 3.3 (29) | 12.8 (17) | 89 | * * | * * | | 134 | 8.2 (18) |
| Hettinger | 6 | * * | * * | 72 | * * | * * | * * | 45 | * * | * * | | 65 | * * |
| Kidder | 26 | * * | * * | 134 | 2.2 (3) | 2.2 (14) | 14.9 (27) | 62 | * * | * * | | 103 | 3.9 (5) |
| LaMoure | 18 | * * | * * | 101 | 5.9 (28) | 0.0 (1) | 20.8 (36) | 55 | * * | * * | | 80 | * * |

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Rank compares this county's rate to other counties. Rank 1 = best rate.

(5) Infants born during the reporting period included in the analysis.

(6) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(7) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies overweight children and ≥ 95th percentile category identifies obese children.

(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



Table 6B
2007 - 2009 Pediatric Nutrition Surveillance (1)
North Dakota
Comparison of Growth and Anemia Indicators by County
Children Aged < 5 Years (2)

Page: 18
Run Date: 6 / 1 / 10

| Comparison of Growth and Anemia Indicators | | | | | | | | | | | | (3,4) | |
|--|-----------------|------------------------|------------------------|-------------------------|---------------------|-------------------------|----------------------|--------------------------------|----------------------------|----------------------|-----------------------------|-------------|--|
| County | Birthweight (5) | | | Height and Weight | | | | | | | Anemia Low Hb/Hct (8) | | |
| | Low | | High | Short Stature (6) | | Under- weight (7) | Obese (7) | ≥ 2 Yrs Over- weight (7) | | | | | |
| | Number | % <2500 g (Rank) | % >4000 g (Rank) | Number | % <5th (Rank) | % <5th (Rank) | % ≥95th (Rank) | Number | % 85th- <95th (Rank) | % ≥95th (Rank) | Number | % (Rank) | |
| Logan | 12 | * * | * * | 79 | * * | * * | * * | 47 | * * | * * | 70 | * * | |
| McHenry | 37 | * * | * * | 213 | 3.8 (14) | 4.2 (33) | 16.0 (31) | 113 | 21.2 (21) | 11.5 (9) | 178 | 7.3 (16) | |
| McIntosh | 42 | * * | * * | 192 | 4.7 (21) | 1.6 (5) | 12.0 (15) | 92 | * * | * * | 144 | 11.8 (27) | |
| McKenzie | 15 | * * | * * | 78 | * * | * * | * * | 42 | * * | * * | 64 | * * | |
| McLean | 71 | * * | * * | 389 | 4.1 (16) | 1.8 (7) | 11.8 (14) | 173 | 19.1 (17) | 10.4 (5) | 324 | 8.6 (21) | |
| Mercer | 55 | * * | * * | 247 | 6.9 (33) | 2.8 (20) | 13.4 (20) | 103 | 24.3 (23) | 6.8 (1) | 191 | 8.4 (19) | |
| Morton | 330 | 9.4 (11) | 8.5 (5) | 1,385 | 3.8 (14) | 1.9 (10) | 13.1 (19) | 603 | 15.4 (6) | 11.8 (10) | 1,062 | 10.8 (26) | |
| Mountrail | 9 | * * | * * | 78 | * * | * * | * * | 43 | * * | * * | 65 | * * | |
| Nelson | 31 | * * | * * | 190 | 3.2 (10) | 4.7 (35) | 11.1 (10) | 108 | 14.8 (4) | 13.0 (15) | 155 | 5.2 (13) | |
| Pembina | 91 | * * | * * | 500 | 5.2 (26) | 2.8 (20) | 18.2 (33) | 251 | 17.9 (13) | 15.9 (23) | 366 | 6.8 (15) | |
| Pierce | 40 | * * | * * | 215 | 4.7 (21) | 2.8 (20) | 6.5 (2) | 113 | 24.8 (25) | 7.1 (2) | 178 | 3.9 (5) | |

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Rank compares this county's rate to other counties. Rank 1 = best rate.

(5) Infants born during the reporting period included in the analysis.

(6) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(7) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies overweight children and ≥ 95th percentile category identifies obese children.

(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



Table 6B
2007 - 2009 Pediatric Nutrition Surveillance (1)
North Dakota
Comparison of Growth and Anemia Indicators by County
Children Aged < 5 Years (2)

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| Comparison of Growth and Anemia Indicators (3,4) | | | | | | | | | | | | | |
|--|-----------------|------------------------|------------------------|-------------------------|---------------------|---------------------|-------------------------|--------------|--------------------------------|----------------------------|-----------------------------|--------|-------------|
| County | Birthweight (5) | | | Height and Weight | | | | | | | Anemia Low Hb/Hct (8) | | |
| | Low | | High | Short Stature (6) | | | Under- weight (7) | Obese (7) | ≥ 2 Yrs Over- weight (7) | | | | |
| | Number | % <2500 g (Rank) | % >4000 g (Rank) | Number | % <5th (Rank) | % <5th (Rank) | % >95th (Rank) | | Number | % 85th- <95th (Rank) | % >95th (Rank) | Number | % (Rank) |
| Ramsey | 292 | 8.2 (6) | 9.6 (9) | 1,252 | 3.6 (13) | 2.1 (11) | 13.8 (23) | | 560 | 18.2 (14) | 13.0 (15) | 993 | 4.9 (11) |
| Ransom | 89 | * * | * * | 407 | 1.5 (1) | 4.2 (33) | 8.8 (5) | | 188 | 18.6 (15) | 10.1 (4) | 310 | 17.7 (32) |
| Renville | 16 | * * | * * | 60 | * * | * * | * * | | 32 | * * | * * | 44 | * * |
| Richland | 274 | 9.9 (12) | 8.0 (4) | 1,146 | 6.5 (32) | 1.8 (7) | 15.7 (30) | | 496 | 19.2 (18) | 14.1 (19) | 844 | 13.9 (31) |
| Rolette | 835 | 8.3 (8) | 12.1 (12) | 4,042 | 3.2 (10) | 1.5 (3) | 23.6 (37) | | 2,044 | 24.3 (23) | 24.6 (26) | 3,303 | 4.5 (9) |
| Sargent | 38 | * * | * * | 167 | 9.6 (37) | 3.0 (24) | 6.0 (1) | | 67 | * * | * * | 121 | 9.1 (23) |
| Sheridan | 20 | * * | * * | 90 | * * | * * | * * | | 38 | * * | * * | 67 | * * |
| Stark | 351 | 8.3 (8) | 4.0 (1) | 1,401 | 6.3 (31) | 2.6 (17) | 11.1 (10) | | 598 | 15.4 (6) | 11.4 (8) | 934 | 8.9 (22) |
| Steele | 15 | * * | * * | 46 | * * | * * | * * | | 14 | * * | * * | 30 | * * |
| Stutsman | 283 | 13.4 (14) | 7.8 (3) | 1,158 | 7.0 (34) | 3.3 (29) | 17.4 (32) | | 478 | 20.7 (20) | 15.9 (23) | 872 | 5.4 (14) |
| Towner | 16 | * * | * * | 77 | * * | * * | * * | | 39 | * * | * * | 62 | * * |

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Rank compares this county's rate to other counties. Rank 1 = best rate.

(5) Infants born during the reporting period included in the analysis.

(6) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(7) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies overweight children and ≥ 95th percentile category identifies obese children.

(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



Table 6B
2007 - 2009 Pediatric Nutrition Surveillance (1)
North Dakota
Comparison of Growth and Anemia Indicators by County
Children Aged < 5 Years (2)

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| Comparison of Growth and Anemia Indicators (3,4) | | | | | | | | | | | | |
|--|-----------------|------------------------|------------------------|-------------------------|---------------------|-------------------------|----------------------|--------------------------------|----------------------------|----------------------|-----------------------------|-------------|
| County | Birthweight (5) | | | Height and Weight | | | | | | | Anemia Low Hb/Hct (8) | |
| | Low | | High | Short Stature (6) | | Under- weight (7) | Obese (7) | ≥ 2 Yrs Over- weight (7) | | | | |
| | Number | % <2500 g (Rank) | % >4000 g (Rank) | Number | % <5th (Rank) | % <5th (Rank) | % ≥95th (Rank) | Number | % 85th- <95th (Rank) | % ≥95th (Rank) | Number | % (Rank) |
| Traill | 95 | * * | * * | 457 | 2.2 (3) | 2.4 (16) | 11.4 (12) | 219 | 17.4 (11) | 10.0 (3) | 372 | 1.1 (1) |
| Walsh | 281 | 5.7 (1) | 9.3 (8) | 1,337 | 4.6 (20) | 2.3 (15) | 14.7 (25) | 604 | 17.4 (11) | 15.4 (21) | 1,038 | 13.3 (30) |
| Ward | 1,473 | 8.6 (10) | 9.8 (11) | 5,565 | 5.0 (24) | 3.1 (26) | 10.1 (7) | 2,172 | 15.9 (8) | 11.0 (6) | 3,602 | 5.1 (12) |
| Wells | 35 | * * | * * | 170 | 4.7 (21) | 1.8 (7) | 15.3 (28) | 79 | * * | * * | 137 | 4.4 (8) |
| Williams | 350 | 6.6 (2) | 8.6 (6) | 1,396 | 6.2 (30) | 2.1 (11) | 15.3 (28) | 582 | 20.1 (19) | 12.5 (14) | 1,031 | 4.8 (10) |
| North Dakota | 10,837 | 8.4 | 9.4 | 45,689 | 4.7 | 2.7 | 13.9 | 19,817 | 17.6 | 13.8 | 33,347 | 9.1 |

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Rank compares this county's rate to other counties. Rank 1 = best rate.

(5) Infants born during the reporting period included in the analysis.

(6) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(7) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies overweight children and ≥ 95th percentile category identifies obese children.

(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



Table 7B
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Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County (2)
Children Aged < 5 Years (3)

| Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4,5) | | | | | | | | |
|--|-----------------------------|--------------------------------------|---|--|---|---|---|---------------------------------|
| | Breastfeeding (6) | | | Exclusive Breastfeeding (7) | | | ≤2 Hours TV Viewing/Day (8) | Smoking in Household |
| County | Number | % Ever Breastfed (Rank) | Number % Breastfed At Least 6 Months (Rank) | Number % Breastfed At Least 12 Months (Rank) | Number % Breastfed At Least 3 Months (Rank) | Number % Breastfed At Least 6 Months (Rank) | Number % (Rank) | Number % (Rank) |
| Adams | 32 | * * | 27 * * | 19 * * | 24 * * | 22 * * | 35 * * | 80 * * |
| Barnes | 133 | 59.4 (8) | 133 19.5 (5) | 91 * * | 122 21.3 (1) | 124 11.3 (2) | 260 80.4 (14) | 297 29.6 (17) |
| Benson | 382 | 22.5 (16) | 367 4.4 (15) | 349 2.6 (13) | 371 2.4 (14) | 364 0.8 (14) | 1,034 70.4 (23) | 899 30.6 (20) |
| Bottineau | 57 | * * | 54 * * | 37 * * | 52 * * | 50 * * | 114 86.0 (5) | 139 25.9 (13) |
| Bowman | 46 | * * | 44 * * | 30 * * | 43 * * | 41 * * | 48 * * | 84 * * |
| Burke | 11 | * * | 13 * * | 7 * * | 10 * * | 11 * * | 33 * * | 33 * * |
| Burleigh | 1,323 | 64.1 (2) | 1,266 18.3 (8) | 952 10.3 (6) | 1,224 12.9 (7) | 1,175 6.6 (8) | 1,954 66.2 (24) | 2,621 26.2 (14) |
| Cass | 2,368 | 62.4 (4) | 2,107 22.4 (4) | 1,561 12.3 (3) | 2,013 13.6 (6) | 2,020 7.3 (6) | 3,138 81.1 (12) | 4,460 22.6 (10) |
| Cavalier | 38 | * * | 39 * * | 34 * * | 39 * * | 37 * * | 70 * * | 95 * * |
| Dickey | 93 | * * | 91 * * | 75 * * | 86 * * | 89 * * | 167 75.4 (19) | 190 14.7 (4) |
| Divide | 23 | * * | 24 * * | 17 * * | 22 * * | 23 * * | 35 * * | 53 * * |
| Dunn | 11 | * * | 13 * * | 12 * * | 9 * * | 10 * * | 25 * * | 32 * * |
| Eddy | 18 | * * | 21 * * | 17 * * | 17 * * | 21 * * | 73 * * | 53 * * |

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(3) Analyses based on one record per child.

(4) Excludes records with unknown data or errors.

(5) Rank compares this county's rate to other counties. Rank 1 = best rate.

(6) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

(7) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.

(8) Children aged 2 years and older included in the analyses.

* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



Table 7B
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Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County (2)
Children Aged < 5 Years (3)

| Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4,5) | | | | | | | | | | | | | | |
|---|-------------------|------------------|--------|-------------------------------|--------|--------------------------------|-----------------------------|-------------------------------|--------|-------------------------------|----------------------|-----------|--------|-----------|
| | Breastfeeding (6) | | | | | | Exclusive Breastfeeding (7) | | | ≤2 Hours TV Viewing/Day (8) | Smoking in Household | | | |
| County | Number | % Ever Breastfed | Number | % Breastfed At Least 6 Months | Number | % Breastfed At Least 12 Months | Number | % Breastfed At Least 3 Months | Number | % Breastfed At Least 6 Months | Number | % | Number | % |
| | | (Rank) | | (Rank) | | (Rank) | | (Rank) | | (Rank) | | (Rank) | | (Rank) |
| Emmons | 68 | * * | 72 | * * | 63 | * * | 65 | * * | 70 | * * | 253 | 75.5 (18) | 187 | 22.5 (9) |
| Foster | 62 | * * | 51 | * * | 51 | * * | 54 | * * | 49 | * * | 97 | * * | 124 | 23.4 (12) |
| Golden Val | 15 | * * | 16 | * * | 15 | * * | 13 | * * | 13 | * * | 35 | * * | 38 | * * |
| Grand Fork | 1,550 | 70.8 (1) | 1,413 | 24.8 (2) | 1,018 | 14.2 (2) | 1,396 | 19.8 (2) | 1,353 | 13.0 (1) | 1,752 | 83.0 (8) | 2,920 | 20.3 (7) |
| Grant | 11 | * * | 15 | * * | 12 | * * | 14 | * * | 15 | * * | 36 | * * | 37 | * * |
| Griggs | 42 | * * | 47 | * * | 34 | * * | 48 | * * | 46 | * * | 87 | * * | 88 | * * |
| Hettinger | 11 | * * | 10 | * * | 12 | * * | 7 | * * | 9 | * * | 37 | * * | 37 | * * |
| Kidder | 32 | * * | 35 | * * | 23 | * * | 32 | * * | 34 | * * | 69 | * * | 68 | * * |
| LaMoure | 20 | * * | 21 | * * | 18 | * * | 20 | * * | 21 | * * | 49 | * * | 48 | * * |
| Logan | 14 | * * | 15 | * * | 14 | * * | 14 | * * | 15 | * * | 46 | * * | 42 | * * |
| McHenry | 49 | * * | 43 | * * | 30 | * * | 46 | * * | 41 | * * | 107 | 79.4 (16) | 106 | 34.0 (23) |
| McIntosh | 47 | * * | 42 | * * | 33 | * * | 36 | * * | 35 | * * | 97 | * * | 97 | * * |
| McKenzie | 17 | * * | 14 | * * | 11 | * * | 16 | * * | 14 | * * | 25 | * * | 41 | * * |

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(4) Excludes records with unknown data or errors.

(5) Rank compares this county's rate to other counties. Rank 1 = best rate.

(6) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

(7) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.

(8) Children aged 2 years and older included in the analyses.

* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



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Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County (2)
Children Aged < 5 Years (3)

| Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4,5) | | | | | | | | | |
|--|-----------------------------|--------------------------------------|---|--|---|---|---|---------------------------------|-----------------|
| | Breastfeeding (6) | | | Exclusive Breastfeeding (7) | | | ≤2 Hours TV Viewing/Day (8) | Smoking in Household | |
| County | Number | % Ever Breastfed (Rank) | Number % Breastfed At Least 6 Months (Rank) | Number % Breastfed At Least 12 Months (Rank) | Number % Breastfed At Least 3 Months (Rank) | Number % Breastfed At Least 6 Months (Rank) | Number % (Rank) | Number | % (Rank) |
| McLean | 82 | * * | 87 * * | 71 * * | 87 * * | 81 * * | 174 94.3 (1) | 207 | 13.5 (3) |
| Mercer | 68 | * * | 63 * * | 43 * * | 65 * * | 60 * * | 107 72.0 (21) | 141 | 38.3 (24) |
| Morton | 388 | 62.6 (3) | 359 16.2 (11) | 237 10.1 (7) | 357 10.6 (11) | 333 5.4 (10) | 603 73.5 (20) | 785 | 31.5 (21) |
| Mountrail | 14 | * * | 14 * * | 10 * * | 13 * * | 12 * * | 27 * * | 36 | * * |
| Nelson | 34 | * * | 35 * * | 27 * * | 33 * * | 34 * * | 103 81.6 (11) | 89 | * * |
| Pembina | 105 | 61.9 (5) | 100 34.0 (1) | 83 * * | 99 * * | 96 * * | 256 84.4 (6) | 254 | 30.3 (19) |
| Pierce | 47 | * * | 48 * * | 36 * * | 48 * * | 48 * * | 116 93.1 (2) | 108 | 4.6 (1) |
| Ramsey | 337 | 55.2 (11) | 317 17.7 (9) | 251 6.4 (11) | 317 12.0 (9) | 312 4.8 (11) | 569 82.6 (9) | 674 | 18.0 (6) |
| Ransom | 96 | * * | 95 * * | 70 * * | 79 * * | 82 * * | 187 79.7 (15) | 225 | 26.7 (15) |
| Renville | 17 | * * | 12 * * | 8 * * | 15 * * | 11 * * | 15 * * | 40 | * * |
| Richland | 310 | 55.2 (11) | 264 13.3 (13) | 219 6.4 (11) | 253 9.1 (12) | 244 3.7 (12) | 508 81.1 (12) | 619 | 32.8 (22) |
| Rolette | 863 | 41.6 (15) | 830 12.3 (14) | 765 8.0 (10) | 824 4.4 (13) | 815 1.8 (13) | 2,042 71.2 (22) | 1,829 | 21.0 (8) |
| Sargent | 52 | * * | 48 * * | 31 * * | 48 * * | 47 * * | 69 * * | 91 | * * |

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Table 7B
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Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County (2)
Children Aged < 5 Years (3)

| Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4,5) | | | | | | | | | |
|--|-----------------------------|--------------------------------------|---|--|---|---|---|---------------------------------|--|
| | Breastfeeding (6) | | | Exclusive Breastfeeding (7) | | | ≤2 Hours TV Viewing/Day (8) | Smoking in Household | |
| County | Number | % Ever Breastfed (Rank) | Number % Breastfed At Least 6 Months (Rank) | Number % Breastfed At Least 12 Months (Rank) | Number % Breastfed At Least 3 Months (Rank) | Number % Breastfed At Least 6 Months (Rank) | Number % (Rank) | Number % (Rank) | |
| Sheridan | 23 | * * | 19 * * | 20 * * | 19 * * | 18 * * | 39 * * | 45 * * | |
| Stark | 403 | 60.0 (7) | 314 24.8 (2) | 258 17.1 (1) | 315 14.9 (4) | 292 10.6 (3) | 535 86.4 (4) | 803 29.9 (18) | |
| Steele | 16 | * * | 15 * * | 6 * * | 11 * * | 12 * * | 14 * * | 30 * * | |
| Stutsman | 321 | 43.9 (13) | 297 19.2 (6) | 219 11.0 (5) | 294 12.2 (8) | 287 7.0 (7) | 470 90.6 (3) | 650 13.4 (2) | |
| Towner | 16 | * * | 11 * * | 15 * * | 13 * * | 11 * * | 37 * * | 32 * * | |
| Traill | 109 | 42.2 (14) | 98 * * | 90 * * | 95 * * | 94 * * | 215 32.6 (25) | 258 16.3 (5) | |
| Walsh | 316 | 56.0 (9) | 306 17.6 (10) | 254 9.1 (9) | 292 12.0 (9) | 293 5.8 (9) | 630 81.9 (10) | 640 23.0 (11) | |
| Ward | 1,626 | 55.8 (10) | 1,502 19.2 (6) | 1,041 11.4 (4) | 1,447 17.1 (3) | 1,390 9.1 (4) | 1,841 83.8 (7) | 3,063 27.8 (16) | |
| Wells | 41 | * * | 40 * * | 29 * * | 45 * * | 39 * * | 76 * * | 85 * * | |
| Williams | 392 | 61.0 (6) | 336 15.2 (12) | 226 9.7 (8) | 345 13.9 (5) | 303 8.9 (5) | 394 79.2 (17) | 719 38.5 (25) | |
| North Dakota | 12,149 | 58.6 | 11,203 19.5 | 8,544 11.0 | 10,907 14.0 | 10,616 7.8 | 18,703 78.1 | 24,292 24.6 | |

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